

08-22-05

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Docket No.: 62870(70232)  
(PATENT)



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Tatsuro Irimura et al.

Application No.: 10/524,970

Confirmation No.: 1465

Filed: February 18, 2005

Art Unit: N/A

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Examiner: Not Yet Assigned

**INFORMATION DISCLOSURE STATEMENT (IDS)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

General Counsel  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed before the mailing date of a first Office Action on the merits as far as is known to the undersigned (37 CFR 1.97(b)(3)).

Applicant has not submitted copies of each cited U.S. patent and U.S. patent application as required by 37 CFR 1.98(a)(2)(i), amended October 2004, as the U.S. Patent and Trademark Office has waived this requirement for all U.S. patent applications. Applicant submits herewith copies of foreign and non-patents in accordance with 37 CFR 1.98(a)(2).





PTO/SB/08a/b (07-05)

Approved for use through 07/31/2006. OMB 0651-0031

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<b>Substitute for form 1449A/B/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete If Known</b>	
				Application Number	10/524,970-Conf. #1465
				Filing Date	February 18, 2005
				First Named Inventor	Tatsuro Irimura
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	62870(70232)

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	AA*	US-5,976,535	11-02-1999		
	AB*	US-5,928,895	07-27-1999		

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>3</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	BA	EP 1 346 730 A1	09-24-2003			
	BB	WO-95/15979	06-15-1995			
	BC	EP 0 846 766 A2	06-10-1998			
	BD	WO-02/066633 A1	08-29-2002			
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	BF	JP 9-506594	06-30-1997			
	BG	JP 10-179176	07-07-1998			

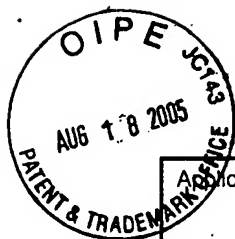
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NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T <sup>2</sup>
	CA	Maenuma, et al., "Mutated Plant Lectin Library to Be Used for Glyco-Informatics", (2001) Proc. Natl. Acad. Sci. USA 98. 2222-2225		
	CB	Komatsu, et al., "Random Extension of Outer Loops of Maackia Amurensis Hemagglutinin Generated Libraries with Diverse Specificity and Useful to Identify Cell Surface Glycosylation Profiles", Annual Conference of the Society for Glycobiology, 676		
	CC	Yim, et al., "Mutated Plant Lectin Library Useful to Identify Different Cells", (2001) Proc. Natl. Acad. Sci. USA 98. 2222-2225.		
	CD	Yim, et al., "Generation of Libraries of Genetically Engineered Plant Lectins with Diverse Carbohydrate Specificities" Abstract		
	CE	A. Imberty, et al., "An Unusual Carbohydrate Binding Site Revealed by the Structures of Two <i>Maackia Amurensis</i> Lectins Complexed with Sialic Acid-containing Oligosaccharides", The Journal of Biological Chemistry, vol. 275, No. 23, Issue of June 9, pp. 17541-17548, 2000.		
	CF	Schena, et al., "Increased Serum Levels of IgA1-IgG Immune complexes and anti-F(ab') <sub>2</sub> antibodies in Patients with Primary IgA Nephropathy", Clin. exp. Immunol. (1989) 77, 15-20.		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Examiner Signature		Date Considered	
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Application No. (if known): 10/524,970

Attorney Docket No.: 62870(70232)

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Information Disclosure Statement (2 pages)

IDS (Citation) by Applicant (15 References) (1 page)